

TRAFFICAUTH

TrafficAuth-Mobile for Transportation Safety

HIGHLIGHTS

→ Interoperable

Seamless interoperability between Direct V2X (PC5 broadcast C-V2X) and Network V2X across all carriers.

→ Secure

End-to-end security based on the established ISS Security Credential Management System (SCMS).

→ Standards Compliant

Standard SAE J2735 message set with the IEEE 1609.2 security architecture.

TrafficAuth-Mobile is the first Vehicle-to-Network-to-Everything (V2N2X) application that enables workers to securely send and receive messages across cellular networks from any mobile device to the transportation network. This improves the efficiency of roadway systems and operations to help keep American drivers and transport workers safe, connected, and secure.

Part of the ISS TrafficAuth family of products, this application creates a secure and authenticated communications channel between a worker or driver's cellphones and the cellular or transportation V2X networks. ISS has also created the TrafficAuth-SCMSclient API that offers the same functionality but can be used by service providers and other transportation vendors to embed the same functionality in their own app for V2N2X communications.

TrafficAuth-Mobile and its related toolkit features:

- A secure, integrated, and fully interoperable all-in-one V2N2X solution
- Complete end-to-end security credential management and authorization
- Full PCS V2X broadcast connectivity
- Ability to monitor and control highway operations, streamline transport services, and send work-zone safety or traffic messages directly to workers and drivers
- Compliance with all IEEE 1609.2.1 and SAE J2735 standards and Department of Transportation requirements for security credential management system (SCMS) funding



